

SEQUENCE LISTING

<110> Birkenbach, Mark
Kieff, Elliot

<120> EPSTEIN BARR VIRUS INDUCED GENES

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<150> US 09/929,583

<151> 2001-08-14

<150> US 09/536,954

<151> 2000-03-28

<150> US 08/352,678

<151> 1994-11-30

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Tyr Ile Gly Asp Asn Thr Thr Val Asp Tyr Thr Leu Phe Glu Ser Leu	
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Val Leu Thr Tyr Ile Tyr Phe Lys Arg Leu Lys Thr Met Thr Asp Thr	
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Tyr Leu Leu Asn Leu Ala Val Ala Asp Ile Leu Phe Leu Leu Thr Leu	
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Gln Ala Val Ser Ala His Arg His Arg Ala Arg Val Leu Leu Ile Ser	
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Phe Glu Arg Asn Lys Ala Ile Lys Val Ile Ile Ala Val Val Val Val	
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Cys Val Asn Pro Phe Leu Tyr Ala Phe Ile Gly Val Lys Phe Arg Asn	
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Tyr Ala His His Ser Thr Ala Arg Ile Val Met Pro Leu His Tyr Ser	
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Leu Val Phe Ile Ile Gly Leu Val Gly Asn Leu Leu Ala Leu Val Val	
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Asn Leu Val Ile Ser Asp Ile Leu Phe Thr Thr Ala Leu Pro Thr Arg	
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Ile Ala Tyr Tyr Ala Met Gly Phe Asp Trp Arg Ile Gly Asp Ala Leu	
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Cys Arg Ile Thr Ala Leu Val Phe Tyr Ile Asn Thr Tyr Ala Gly Val	
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Cys Ile Phe Val Trp Ile Leu Val Phe Ala Gln Thr Leu Pro Leu Leu	
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Leu	Met	Asn	Phe	Asn	Cys	Cys	Met	Asp	Pro	Phe	Ile	Tyr	Phe	Phe	Ala	
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Ser	Ala	Pro	Glu	Glu	Asn	Ser	Arg	Glu	Met	Thr	Glu	Thr	Gln	Met	Met
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Ala Ser Cys Pro Pro Cys Ser Gly Arg Lys Gly Pro Pro Ala Ala Leu	

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Thr	Leu	Pro	Arg	Val	Gln	Cys	Arg Ala Ser Arg Tyr Pro Ile Ala Val	
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gat	tgc	tcc	tgg	acc	ctg	ccg	cct gct cca aac tcc acc agc ccc gtg	193
Asp	Cys	Ser	Trp	Thr	Leu	Pro	Pro Ala Pro Asn Ser Thr Ser Pro Val	
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tcc	ttc	att	gcc	acg	tac	agg	ctc ggc atg gct gcc cgg ggc cac agc	241
Ser	Phe	Ile	Ala	Thr	Tyr	Arg	Leu Gly Met Ala Ala Arg Gly His Ser	
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Trp	Pro	Cys	Leu	Gln	Gln	Thr	Pro Thr Ser Thr Ser Cys Thr Ile Thr	
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gat	gtc	cag	ctg	ttc	tcc	atg	gct ccg tac gtg ctc aat gtc acc gcc	337
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Val	His	Pro	Trp	Gly	Ser	Ser	Ser Ser Phe Val Pro Phe Ile Thr Glu	
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His	Ile	Ile	Lys	Pro	Asp	Pro	Pro Glu Gly Val Arg Leu Ser Pro Leu	
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gct	gag	cgc	cag	cta	cag	gtg	cag tgg gag cct ccc ggg tcc tgg ccc	481
Ala	Glu	Arg	Gln	Leu	Gln	Val	Gln Trp Glu Pro Pro Gly Ser Trp Pro	
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Phe	Pro	Glu	Ile	Phe	Ser	Leu	Lys Tyr Trp Ile Arg Tyr Lys Arg Gln	
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gga	gct	gcg	cgc	ttc	cac	cgg	gtg ggg ccc att gaa gcc acg tcc ttc	577
Gly	Ala	Ala	Arg	Phe	His	Arg	Val Gly Pro Ile Glu Ala Thr Ser Phe	
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atc	ctc	agg	gct	gtg	cgg	ccc	cga gcc agg tac tac gtc caa gtg gcg	625
Ile	Leu	Arg	Ala	Val	Arg	Pro	Arg Ala Arg Tyr Tyr Val Gln Val Ala	
	190		195		200			
gct	cag	gac	ctc	aca	gac	tac	ggg gaa ctg agt gac tgg agt ctc ccc	673
Ala	Gln	Asp	Leu	Thr	Asp	Tyr	Gly Glu Leu Ser Asp Trp Ser Leu Pro	
	205		210		215		220	
gcc	act	gcc	aca	atg	agc	ctg	ggc aag tagcaagggc ttcccgtgc	720
Ala	Thr	Ala	Thr	Met	Ser	Leu	Gly Lys	
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ctccagacag	cacctgggtc	ctcgccaccc	taagccccgg	gacacctgtt	ggagggcgga			780
tgggatctgc	ctagcctggg	ctggagtcct	tgctttgctg	ctgctgagct	gccgggcaac			840
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acctgtaatc	ccagtcactg	ggaagccgac	gtgggtgggt	agcttgaggc	caggagctcg			1080
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<211> 229

<212> PRT

<213> Homo sapiens

<400> 6

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Val	Gln	Cys	Arg	Ala	Ser	Arg	Tyr	Pro	Ile	Ala	Val	Asp	Cys	Ser	Trp	
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Thr	Leu	Pro	Pro	Ala	Pro	Asn	Ser	Thr	Ser	Pro	Val	Ser	Phe	Ile	Ala	
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Thr	Tyr	Arg	Leu	Gly	Met	Ala	Ala	Arg	Gly	His	Ser	Trp	Pro	Cys	Leu	
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Gln	Gln	Thr	Pro	Thr	Ser	Thr	Ser	Cys	Thr	Ile	Thr	Asp	Val	Gln	Leu	
				85					90					95		
Phe	Ser	Met	Ala	Pro	Tyr	Val	Leu	Asn	Val	Thr	Ala	Val	His	Pro	Trp	
			100					105					110			
Gly	Ser	Ser	Ser	Ser	Phe	Val	Pro	Phe	Ile	Thr	Glu	His	Ile	Ile	Lys	
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Pro	Asp	Pro	Pro	Glu	Gly	Val	Arg	Leu	Ser	Pro	Leu	Ala	Glu	Arg	Gln	
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Leu	Gln	Val	Gln	Trp	Glu	Pro	Pro	Gly	Ser	Trp	Pro	Phe	Pro	Glu	Ile	
	145				150					155					160	
Phe	Ser	Leu	Lys	Tyr	Trp	Ile	Arg	Tyr	Lys	Arg	Gln	Gly	Ala	Ala	Arg	
			165					170						175		
Phe	His	Arg	Val	Gly	Pro	Ile	Glu	Ala	Thr	Ser	Phe	Ile	Leu	Arg	Ala	
			180					185				190				
Val	Arg	Pro	Arg	Ala	Arg	Tyr	Tyr	Val	Gln	Val	Ala	Ala	Gln	Asp	Leu	
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Thr	Asp	Tyr	Gly	Glu	Leu	Ser	Asp	Trp	Ser	Leu	Pro	Ala	Thr	Ala	Thr	
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Met	Ser	Leu	Gly	Lys												
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 <213> Homo sapiens

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 <223> Xaa = Ile or Val

<220>
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 <222> (5)..(5)
 <223> Xaa = Tyr or Phe

<220>
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 <222> (6)..(9)
 <223> Xaa = hydrophobic amino acid

<400> 7
 Ser Xaa Asp Arg Xaa Xaa Xaa Xaa Xaa
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